

FIG. 1

Effect of Cationic Dendrimers on Haemolysis of rat erythrocytes, 1h

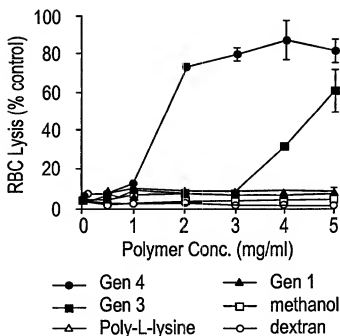


FIG. 2

Effect of Anionic Dendrimers on Haemolysis of rat erythrocytes, 1h

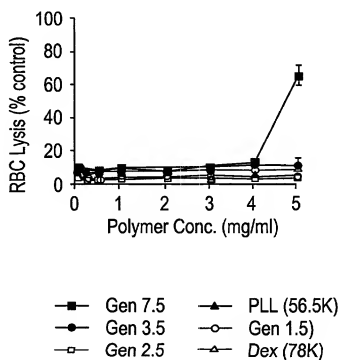


FIG. 3

Effect of Anionic Dendrimers on B16F10, 72h

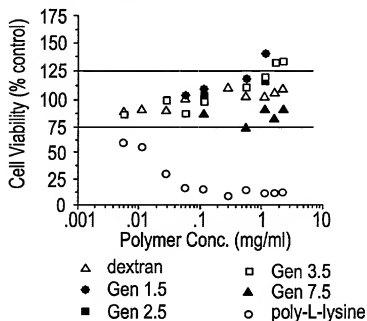


FIG. 4

Effect of Cationic Dendrimers on B16F10, 72h

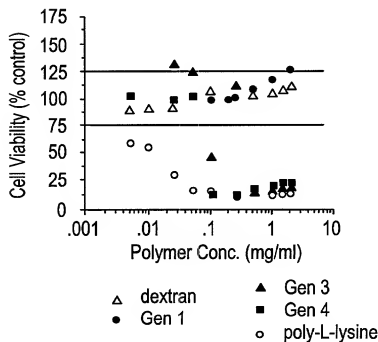


FIG. 5

Effect of Cationic Dendrimers on CCRF-CEM, 72h

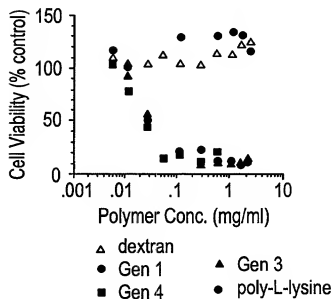


FIG. 6

Effect of Anionic Dendrimers on CCRF-CEM, 72h

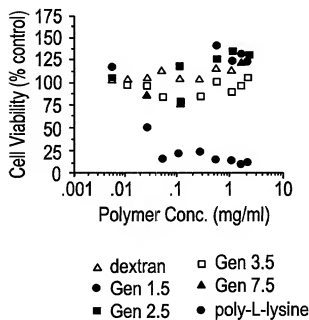


FIG. 7

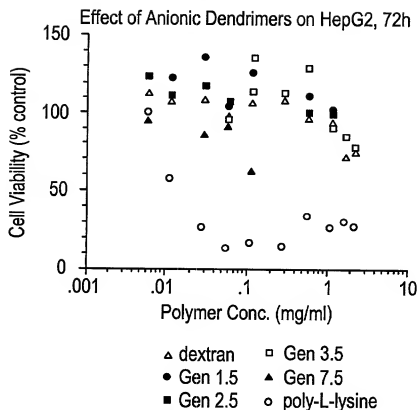


FIG. 8

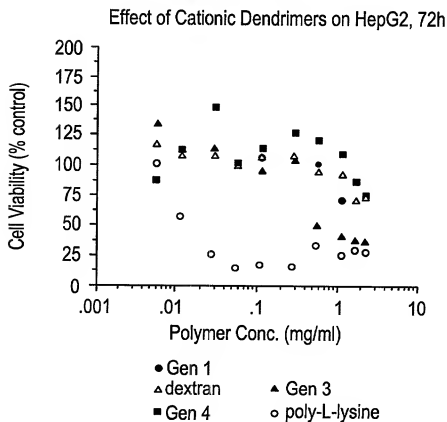


FIG. 9

Chloride Release from Cisplatin in Water and
during reaction of Cisplatin to Gen 3.5

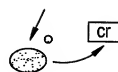
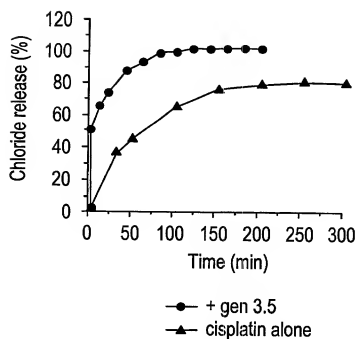
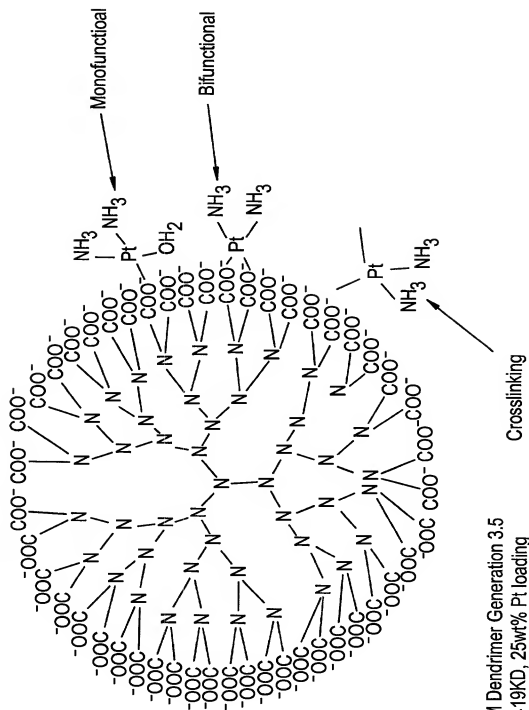


FIG. 10A

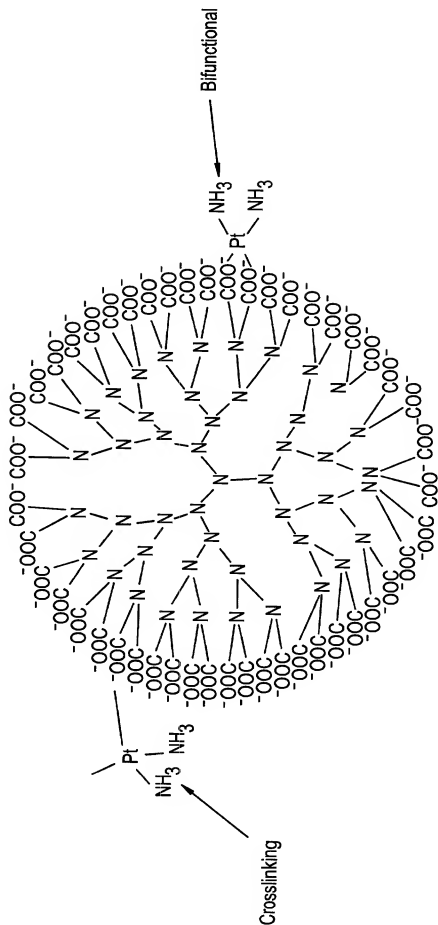
Possible variations in platinum binding to dendrimer



PAMAM Dendrimer Generation 3.5
 Mw 12419KD, 25wt% Pt loading

FIG. 10B

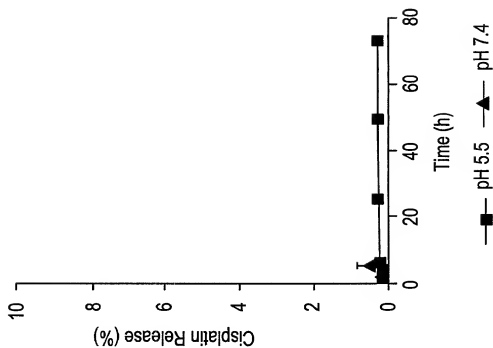
Possible variations in platinum binding to dendrimer



PAMAM Dendrimer Generation 3.5
Mw 12419KD, 25wt% Pt loading

FIG. 11

Release of cisplatin at two physiological pH's
from dendrimer-platinate, 72h 37°C.



* Pt is not released
in buffers at physiological pH

FIG. 12

Effect of Cisplatin and Dendrimer (3.5) Conjugate
on Cor L23 cells in Vitro

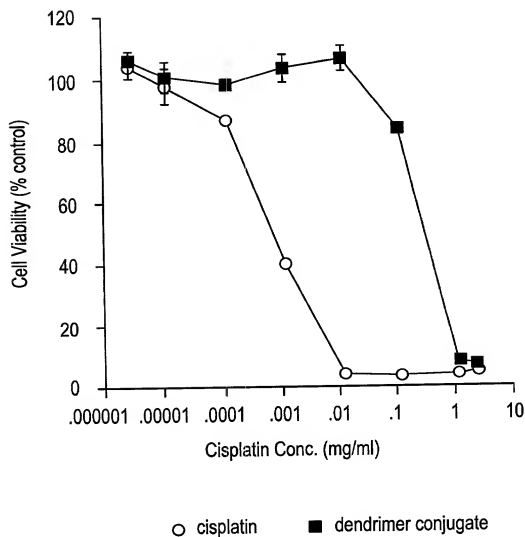


FIG. 13

Effect of Cisplatin and the Dendrimer (3.5) conjugate
on B16F10 cells In Vitro

* In vitro the dendrimer-Pt
is inactive against B16F10
-the in vivo model

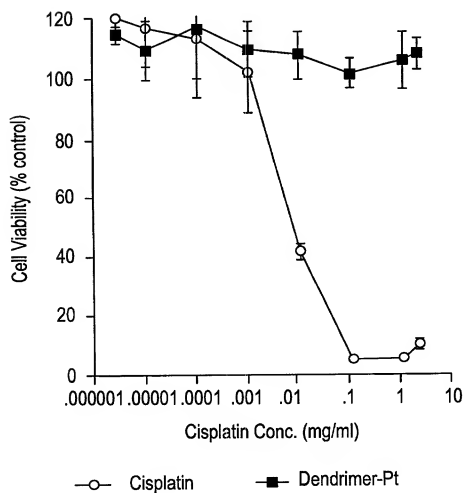


FIG. 14

Effect of Cisplatin and the Dendrimer (3.5) conjugate
on CCRF cells In Vitro

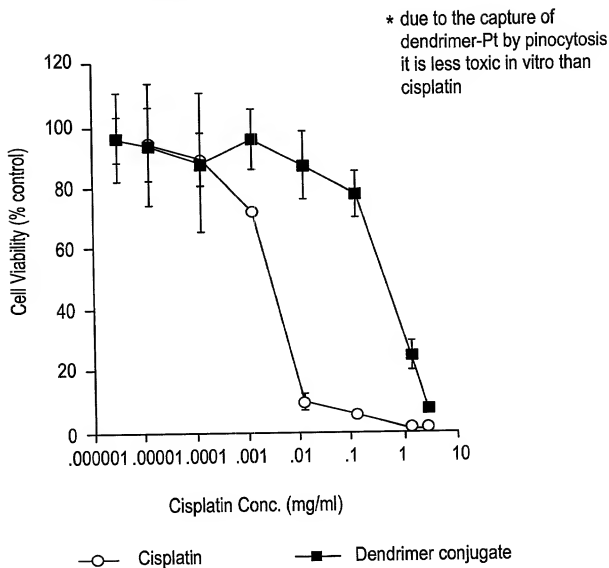


FIG. 15

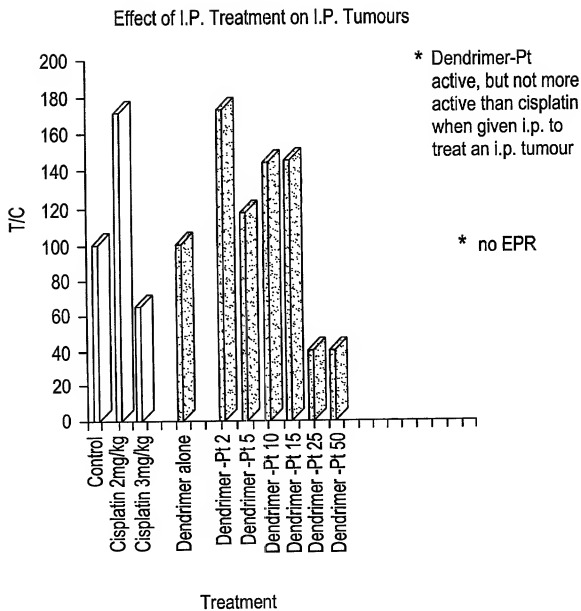


FIG. 16

Effect of Dendrimer-Pt on Established
B16 melanoma

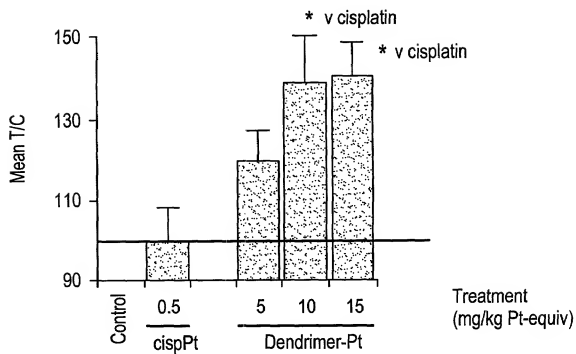


FIG. 17

Accumulation of dendrimer-platinum and platinum
injected i.v. in C57 mice bearing B16F10 s.c. tumour (by AAS)

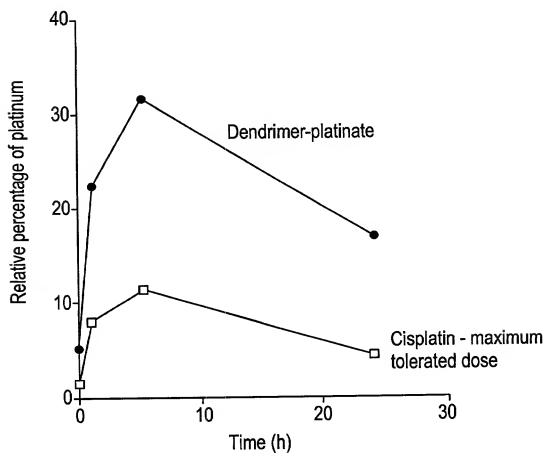
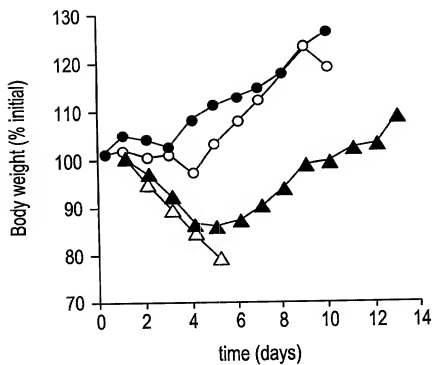


FIG. 18

Effect of Dendrimer (gen 3.5) on the body weight of DBA2 mice bearing L1210 leukaemia



● control

▲ cisplatin 2mg/kg (x 3)

○ dendrimer 95mg/kg (x 3)

△ cisplatin 3mg/kg (x 3)

FIG. 19

Effect of Dendrimer-Pt on Established
B16 melanoma (iv single dose)

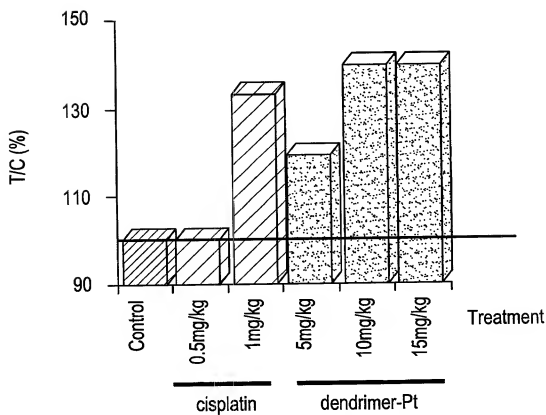


FIG. 20A

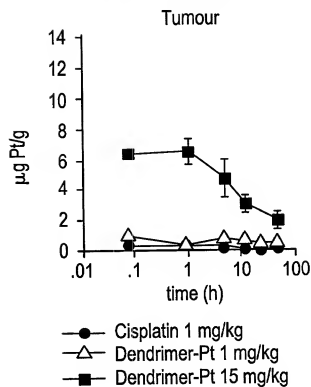


FIG. 20B

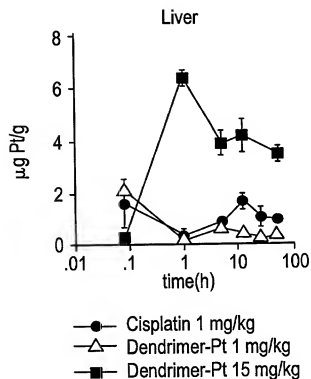


FIG. 20C

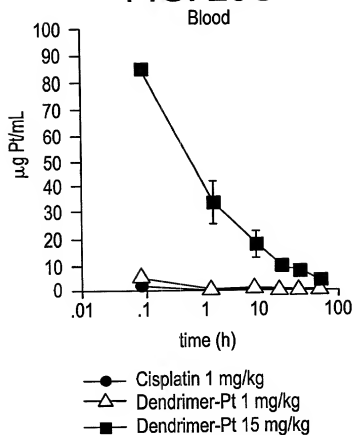


FIG. 20D

